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To: Wisconsin Ambulance Providers  
EMSC Advisory Board  
EMS Advisory Board  
EMS Physician's Advisory Committee  
Wisconsin EMS Medical Directors  
Wisconsin EMT Instructor/Coordinators  
Wisconsin EMS Coordinators  
Wisconsin American Heart Association CTC Centers

From: Emergency Medical Services for Children  
Equipment, Transport and Treatment Guidelines Committee

Re: **Required Pediatric Equipment and Recommended Pediatric Kit**

The attached document was developed by the Equipment, Transport and Treatment Guideline Committee of the Emergency Medical Services for Children Project. It identifies the pediatric equipment **required** by Trans 309 and lists the equipment and supplies of a **recommended pediatric response kit**. It is imperative that prehospital emergency care providers have the appropriate equipment and supplies if they are to provide proper care for ill and injured infants and children.

The recommended pediatric kit is intended to supplement the required equipment of Trans 309. It is recommended that prehospital emergency care providers carry pediatric equipment as a separate kit to provide organization and easy access.

We are offering guidance to help with the organization and access to pediatric equipment and supplies as needed to assess and treat infants and children. It is our intention to assist all prehospital emergency care providers in providing the finest quality care possible to the pediatric patient.

## **EMERGENCY MEDICAL SERVICES FOR CHILDREN**

**Pediatric Assessment and Treatment Equipment:** Prehospital care providers must have appropriate size equipment and supplies to care for ill and injured infants and children. It is important to use correct size splints and proper immobilization techniques for pediatric patients to reduce blood loss, peripheral nerve injury and pain.

The Emergency Medical Services for Children (EMSC) Advisory Committee endorses the equipment requirements of Trans 309. Important as the equipment itself, is it's proper use.

This is facilitated by initial and ongoing education in the use of equipment that the prehospital care provider uses infrequently.

### **The Following Pediatric Equipment is Required Per Administrative Rule Trans 309:**

The Emergency Medical Services for Children (EMSC) Advisory Committee believes that there is no acceptable alternative for the prehospital treatment of pain, blood loss and nerve damage associated with femur fractures in the pediatric patient and strongly suggests that an appropriate size traction splint be carried for pediatric patients.

### **Required Pediatric Equipment for Basic Services**

2 Infant Cervical Collars  
2 Pediatric Cervical Collars  
Child BP cuff (for children 5 years and older)  
Pediatric Laryngoscope Kit  
Pediatric size Magill Forceps  
Oropharyngeal Airways 1 each sizes 0-6  
Nasopharyngeal Airways size 12 Fr - 34 Fr  
Infant Bag-Valve-Mask Unit with Oxygen Reservoir  
Pediatric Bag-Valve-Mask Unit with Oxygen Reservoir  
2 Infant Non-Rebreather Oxygen Masks  
2 Pediatric Non-Rebreather Oxygen Masks  
2 Epi-Pen Juniors  
Bulb Syringe  
Child Size Spine Board  
Pediatric Traction Splint or documented method for stabilizing a pediatric femur fracture  
----- (signed by the ambulance providers' medical director)

### **Required Pediatric Equipment for Intermediate Services**

All the above plus:  
Assortment of Pediatric Size IV Catheters (24 to 20 gauge)

### **Required Pediatric Equipment for Paramedic Services**

All the above plus:

Endotracheal Equipment for Infant and Child	Pediatric Stethoscope
Endotracheal Tubes and Stylettes for Infant and Child	Pediatric Paddles or (2) sets of pads
2 Intraosseous Needles, 15 gauge	Length/Weight Resuscitation Charts/Tape

Wisconsin Department of Health and Family Services, Division of Public Health  
Bureau of Emergency Medical Services and Injury Prevention,  
Emergency Medical Services for Children, P.O. Box 2659, Madison, WI 53701-2659



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## RECOMMENDED PEDIATRIC KIT

**Recommended Pediatric Kit:** It is recommended that a Pediatric Kit be developed by the provider service. This allows organization of and ready access to the equipment needed to assess and treat children up to 8 years of age (up to 55 lbs. ).

### **Pediatric Equipment for Basic Services**

- \* Infant Cervical Collar
- \* Pediatric Cervical Collar
- \* Child BP cuff (for children 5 years and older)
- \* Pediatric Laryngoscope Kit
  - a) straight # 0, # 1, blades
  - b) straight or curved # 2, # 3, blades
- \* Pediatric Size Magill Forceps
- \* Oropharyngeal Airways size - Infant and Child
- \* Nasopharyngeal Airways size 12 Fr - 20 Fr
- \* Infant Bag-Valve-Mask with Oxygen Reservoir
  - a) without pop off valve
  - b) round mask
- \* Pediatric Bag-Valve-Mask with Oxygen Reservoir
- \* Infant and Pediatric Non-Rebreather Masks - (2 each)
  - Infant and Child Nebulizer Face Masks
  - Infant Nasal Cannulas
- \* Bulb Syringe
  - Small Size Suction tips 14 Fr Maximum (2)
- \* Epi-Pen Junior
  - Digital Thermometer with Disposable
- Δ Pediatric Stethoscope
- Δ Length/Weight-Based Resuscitation Chart/Tape
  - Disposable Pen Light
- \* Exam Gloves
- \* Bandage Shears
- \* Assorted Bandages and Dressings

- Cold Packs
- Hot Packs
- Disposable Impervious Emergency Wrap
- Syrup of Ipecac (per local protocol)
- Eye Irrigation Solution 500ml. 0.9% NaCl
  - a) with administration set
- "Save a Tooth Kit"
- \* Water Soluble Lubricant
- \* Pediatric Size Extremity Splints
- Small Stuffed Toy

### **Additional Equipment for Intermediate Services**

- All the above plus:
  - \* Pediatric Size IV Catheters (24 to 20 gauge)
- Δ Intraosseous Needles 15-gauge (2)
  - a) per local protocol
- Δ Endotracheal Intubation Equipment
  - a) per local protocol

### **Additional Equipment for Paramedic Services**

- All the above plus:
  - \* Pediatric Paddles or (2) sets of pads
  - \* Pediatric Size Endotracheal Tubes & Stylettes

**Note: Equipment should be Latex-Free when available.**

**Note:** \* = required by Trans 309

D = Required by Trans 309 for Paramedic Services

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